

ASUS TS700-E7/RS8 (90S81A1010U100UET)

2 x Socket 2011, Intel C602-A PCH, 16 x DDR3 RDIMM/UDIMM/LRDIMM max.512GB RDIMM/512GB LRDIMM/128GB UDIMM, 2 x SATA3 6Gb/s, 4 x SATA2 3Gb/s, 8 x Hot-swap 3.5" HDD, Aspeed AST2300 16MB VRAM, 1 x Quad Intel Ethernet i350-AM4 + 1 x Mgmt LAN, 5U/Tower



Price details:

Price excl. VAT: 1,080.30 €

Eco fees: 0.38 €

VAT 21 %: 226.94 €

Product details:

Product code: 90S81A1010U100UET

EAN: 4716659224792

Manufacturer: ASUS

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1,307.62 €

* VAT included

High performance, extensive expandability, and superior reliability

Exclusive ASUS PIKE

To meet growing demands for mass storage in business environments, the TS700-E7/RS8 provides eight hot-swap hard drive modules for large storage capacities and easy upgrades. In addition, it supports optional ASUS PIKE upgrade kits with only a PIKE riser card and a PIKE card: simply connecting the onboard SATA cable to the PIKE riser card's SAS port upgrades server SATA storage to SAS storage.

Tool-less design

The accessible and friendly server layout allows users to replace the rear fans, 5.25" optical drives, system fans, and hard drive cages with great ease and no tools, saving significant time and effort.

Dual use server and workstation

With a PCI Express x16 expansion slot to support a graphics card, the TS700-E7/RS8 is capable of high speed graphics computing. ASUS MIO cards further provide lifelike audio for workstation users.

Rack-mount and pedestal positioning

Besides working as a pedestal server, the TS700-E7/RS8 is also rack-mountable with the optional rack-mount kit, saving space and consolidating with the many systems required by growing businesses.

Quad LAN with high speed Gigabit performance

Four LAN teaming ports provide high networking bandwidth with precision load balancing and fault tolerance functions, which reducing data processing bottlenecks in virtualization environments by enhancing virtualized traffic management.

Comprehensive server management with ASMB6 and ASWM

Optional ASMB6 enables dashboard system health monitoring, remote power on/off control, virtual media over LAN, automatic video recording, and network bonding support. In addition, the ASMB6 function is based on BIOS-level access, so even if the server operating system is down, the KVM module is still able to provide round-the-clock remote monitoring and diagnosis through a user-friendly GUI (web-based graphical user interface). Meanwhile, ASWM Enterprise software provides one-to-multiple centralized management, including BIOS flash, remote control, power control, and asset management through a user-friendly interface. Users gain an easy and convenient way of achieving remote server control.

Integrated remote server management

With the web GUI ASMB6-iKVM module, users can fully control the server with out-of-band server-based management using the IPMI 2.0 standard, accessing 24/7 real-time remote monitoring. ASWM Enterprise software works in this situation as well, offering the same user-friendly features listed above.

Main specifications:

Processor	
Motherboard chipset:	Intel C602
Processor socket:	LGA 2011 (Socket R)
Number of processors supported:	2
Processor family:	Intel
Compatible processor series:	Xeon
Intel Xeon series:	E5-2600
Memory	
Number of DIMM slots:	16
Supported memory types:	DDR3-SDRAM
Maximum internal memory:	512 GB
Maximum UDIMM memory:	128 GB
Supported RDIMM clock speeds:	800,1066,1333,1600 MHz
Supported UDIMM clock speeds:	1066,1333 MHz
Supported DIMM module capacities:	16GB,1GB,2GB,32GB,4GB,8GB
Storage	
Number of hard drives supported:	8
Hot-swap hard drive bays:	Y
RAID levels:	0,1,5,10
Supported hard disk drive sizes:	3.5 "
Supported storage drive interfaces:	Serial ATA II,Serial ATA III
Networking	
LAN controller:	Intel I350AM4
Ethernet LAN data rates:	10,100,1000 Mbit/s
Ethernet LAN:	Y
Ports & interfaces	
USB 2.0 ports quantity:	4
Ethernet LAN (RJ-45) ports:	5
PS/2 ports quantity:	2
VGA (D-Sub) ports quantity:	1
Number of SATA connectors:	6
Expansion slots	
PCI Express slots version:	3.0
Graphics	
Maximum graphics adapter memory:	16 MB
Design	
Form factor:	5U
Colour of product:	Black,Silver
Performance	
Compatible operating systems:	CentOS 5.6 32/64-bit,Windows Server 2008 R2,Windows Server 2008 Enterprise 32/64-bit,RedHat Enterprise Linux AS5.6/6.0 32/64-bit,SuSE Linux Enterprise Server 11.2 32/64-bit,VMWare ESX4.1/ESXi4.1
Power	
Power supply:	800 W
Operational conditions	
Operating temperature (T-T):	10 - 35 °C
Storage temperature (T-T):	-40 - 70 °C
Operating relative humidity (H-H):	20 - 90 %
Weight & dimensions	
Width:	217.5 mm
Depth:	545 mm
Height:	445 mm
Weight:	20000 g
Other features	
Graphics adapter:	AST2300
Graphics adapter family:	Aspeed

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